ABOVEGROUND STORAGE TANK CLOSURE REPORT

For Property Located at

12200 LOS NIETOS ROAD
SANTA FE SPRINGS, CALIFORNIA 90670

Prepared for

ARTHUR HOLST
Property Owner

August 2001

Conservtech, Division of
Delphey/Gerdes Engineering, Inc.
Vernon, CA

CONTENTS

ABOVEGROUND STORAGE TANK CLOSURE REPORT

12200 Los Nietos Road
Santa Fe Springs, California 90670

1.0 INTRODUCTION

This report is submitted to the Santa Fe Springs Fire Department (SFSFD) for review and approval. It documents the closure of aboveground storage tanks (ASTs) and a bag house on the subject site, including the investigation of soil conditions beneath the tanks for evidence of leakage.

2.0 DESCRIPTION OF FACILITY

The location of the subject property is shown on the Site Location Map (Figure 1). The site is on the south side of Los Nietos Road east of Norwalk Boulevard, the nearest cross street. The current property owner is Arthur E. Holst.

At present, this facility is vacant; the most recent occupant was Fine Line Paints, a manufacturer. The nine aboveground tanks had been used to store various basic materials used in the manufacture of paint products. These units are described in Table 1, as follows:

TABLE 1
Description of Tanks

Tank ID	Tank Material	Approx. Capacity* (gallons)	Previous Contents
ST1	Fiberglass	10,000	Polyvinyl Acetate (PVA)
ST2	Fiberglass	6,000(a)	PVA
ST3	Carbon Steel	6,000	Resin
ST4	Carbon Steel	6,000	Resin
ST5	Carbon Steel	1,500(b)	Naphtha
ST6	Carbon Steel	1,500(b)	Ethylene Glycol
ST7	Stainless Steel	2,000	PVA
ST8	Carbon Steel	2,000(c)	Resin
ST9	Carbon Steel	2,000(c)	Resin

* As given on the Application for Storage Tank Closure.

(a) Dimensions on Certificate of Disposal suggest an approximate capacity of 7,000 gallons.
(b) Certificate of Destruction gives the capacities of ST5 and ST6 as 1,000 gallons each.
(c) Certificate of Destruction gives the capacities of ST8 and ST9 as 4,000 gallons each.

Source: USGS

FIG 1. SITE LOCATION MAP

NO.	DATE	REVISION	BY	CK	APPVD	NO.	DATE	REVISION	BY	CK	APPVD

CONSERVTECH Vernon, California	CUSTOMER: Fine Line Paints PLANT: LOCATION: 12200 Los Nietos Road Santa Fe Springs, CA 90670	DWG. NO. FIG. NO. / REV. NO.

The Certificate of Disposal and the three Certificates of Destruction document the destruction of ten containers. These units include the nine aboveground storage tanks (ST1-ST9) plus a "bag house," a metal enclosure which provided a repository for dust filtered from air circulated within the plant.

The nine aboveground storage tanks were located in the open yard at the easterly end of the property, as shown on the Site Plan Showing Sampling Locations (Figure 2). All of these units were clustered together within a bermed area on a thick concrete base. Among the ten containers, only Tanks ST5 and ST6 contained some residual liquids. All other tanks contained dried residual product which had to be chiseled out. The bag house contained a substantial quantity of dust which was removed for disposal.

3.0 CLOSURE OF ABOVEGROUND STORAGE TANKS

An Application for Storage Tank Closure (Appendix A) was prepared and submitted to the Santa Fe Springs Fire Department by Mr. Arthur Holst, acting in the role of Owner as Contractor. Attachments to the Application identify the companies intended to work on this project and the tasks to be performed by each.

3.1 Removal of Tanks

The actual AST removals took place on 24 July 2001 in the presence of Fire Department officials. The tanks were opened to gain access to the interior of each unit. Residual liquids were pumped out of Tanks ST5 and ST6 by vacuum truck after which the tanks were cleaned by high pressure water. In several of the other tanks dried residual material had to be chiseled out. Also, the bag house was emptied of accumulated dust.

Residual solids were placed in containers. The containers were transported by Adams Services, Gardena, California, under Uniform Hazardous Waste Manifest (UHWM, Appendix B). Solids were taken to D/K Environmental, Vernon, California for disposal. Residual liquids, product and rinsate, were transported by Adams Services under manifest (Appendix B) to DeMenno/Kerdoon, Compton, California for disposal.

After the containers were emptied and cleaned, all nine tanks and bag house were visually inspected, and the interior atmosphere of each unit was tested to assure that no explosive vapors remained. All test results were as

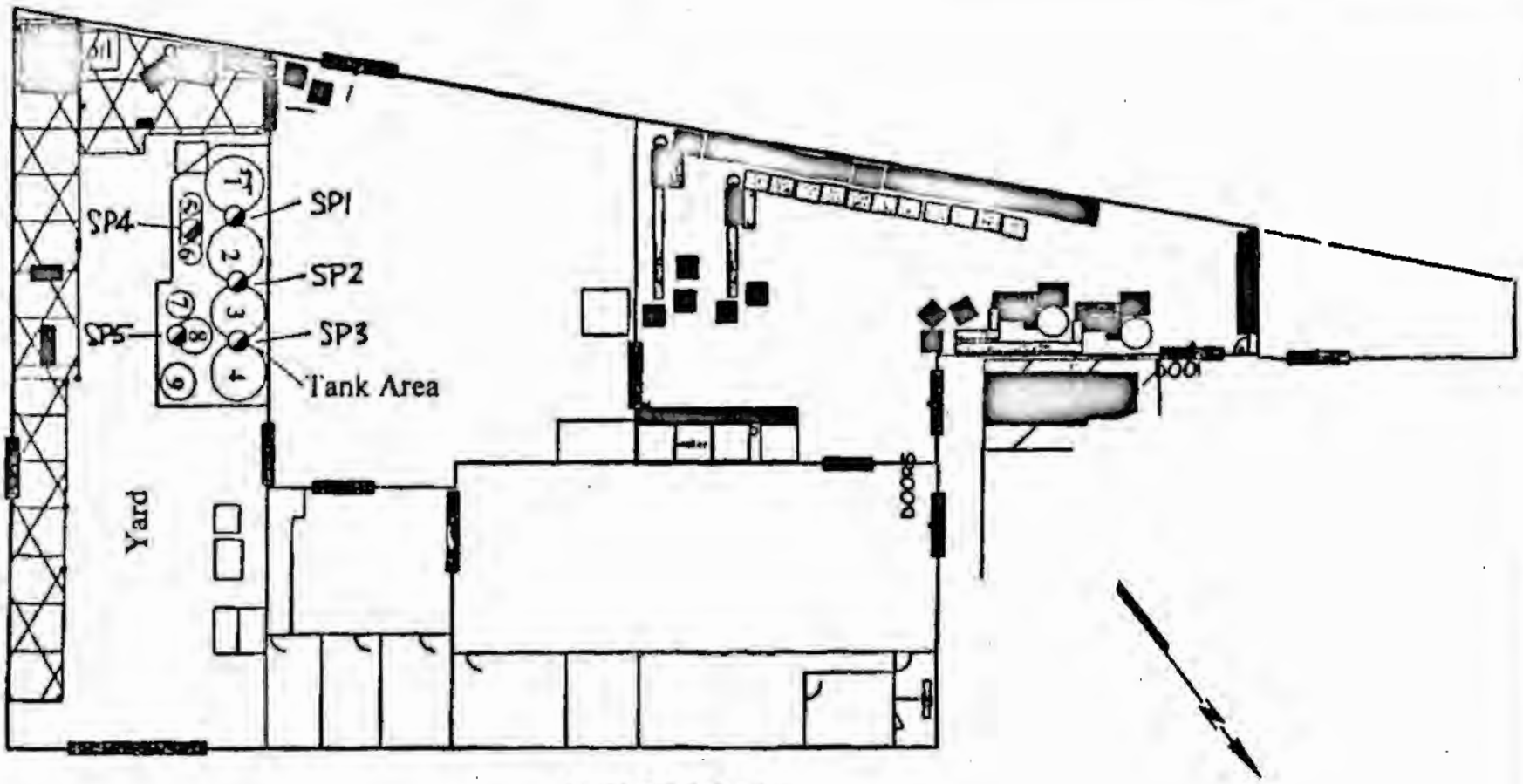

FIG 2. SITE PLAN SHOWING SAMPLING LOCATIONS

CONSERVTECH Vernon, California	CLIENT: Fine Line Paints PLANT: 12200 Los Nietos Road LOCATION: Santa Fe Springs, CA 90670	NO.	DATE	DWG. NO.	FIG. NO. / REV. NO.

follows: 0% LEL (Lower Explosive Limit) and 20.8% Oxygen. This testing and certification of tanks, Appendix C, was performed by Thomas D. Beck & Assoc., Inc. dba Harbor Testing Laboratory, Long Beach, California.

Each of the tanks was placed on a flat bed truck and secured for transport to the recycling facility. The steel tanks were transported to the facility of Adams Steel, Anaheim, California for disposal. The fiberglass tanks were taken to the San Bernardino County Solid Waste Management Mid-Valley Landfill for destruction. Transportation was provided by Adams Services. The disposal of units is documented by Certificates of Destruction/Disposal (Appendix D).

3.2 Soil Sampling

Following the removal of tanks, an investigation of subsurface soils in the area was scheduled for 1 August 2001. First, the concrete pavement was cored at five selected locations by Skaggs Concrete Cutting, Inc., Placentia, California to permit access to the subsurface.

Shallow samples were obtained for analysis by Conservtech personnel at four of the five intended locations. The attempt to obtain a Sample SP2 was unsuccessful due to the excessive depth and instability of the pea gravel encountered. Samples SP1, SP3, SP4, and SP5 were successfully obtained at depths that varied from 2 feet 9 inches to 5 feet 2 inches in hand-augered borings. Boring locations are shown on the Site Plan Showing Sampling Locations, Figure 2.

At each of the selected sample depths, a slide-hammer sampler was used to obtain one sample in a 2-by-3 inch stainless steel sampling sleeve to be retained for analysis. From a second sleeve, obtained at the same time, three individual samples were taken by means of an En Core sampler, according to Method 5035, for VOC analysis. The Sampling Protocol is explained more fully in Appendix E.

On-site observations of lithology, made in the process of sampling, are summarized in Table 2.

TABLE 2
Observations of Lithology

Sample	Depth	Soil Type	Color	Odor	Plasticity	Moisture
SP1	33 in	clayey silt	brown	none	moderate	damp
SP2*	50 in	pea gravel	tan	"	none	"
SP3	62 in	"/silt	tan/ brown	"	slight	wet
SP4	33 in	clayey silt	brown	"	moderate	damp
SP5	36 in	pea gravel/ " silt	tan/ brown	"	slight	"

* Although sampling at this point was intended, no sample was actually obtained due to difficulties associated with the pea gravel encountered.

No aggregate material or debris was noted in any of the samples obtained which comprised soils of fine to moderate grain with some pea gravel. A few small chunks of broken concrete were extracted from the boring prior to obtaining sample SP5.

3.3 Results from Analysis of Soil Samples

The samples were submitted for analysis to Chemical & Environmental Laboratories, Santa Fe Springs, California which is a state-certified laboratory. The four samples were analyzed for Total Petroleum Hydrocarbons with Carbon Chain Scan (TPH, Method 8015M/CCS), Title 22 Metals, and Volatile Organic Compounds (VOCs, Method 8260B).

Official laboratory results are given in Appendix F; a summary of results is provided in Table 3 below.

TABLE 3
Analyte Concentrations Detected in Soil Samples Obtained on 1 August 2001

	Sample			
	SP1	SP3	SP4	SP5
Gasoline (C4-C12)	ND	ND	ND	ND
Diesel (C13-C22)	ND	ND	ND	ND
Waste Oil (C23-C40)	ND	218	ND	ND
Tetrachloroethene	ND	0.004	ND	0.003
1,1,1-Trichloroethane	ND	0.005	ND	0.017
All Other VOCs	ND	ND	ND	ND
Barium	79	27	87	37
Chromium	12	4	14	9
Copper	12	6	13	8
Lead	5	6	5	15
Nickel	10	ND	12	ND
Vanadium	15	6	18	8
Zinc	27	20	30	28

All concentrations are in mg/kg (ppm).

3.4 Groundwater Data

Groundwater data of interest were obtained from the Los Angeles County Department of Public Works, Hydrologic Records Section, on 16 August 2001. The information pertains to the sampling of three groundwater monitoring wells located in the vicinity of the subject site. Distances from site to well range from approximately 0.3 to 0.9 mile; all three have been sampled in recent years. A summary of available data is presented in Table 4.

TABLE 4
Groundwater Data

Well No.	Distance/ Direction	Depth to GW (bgs)*	Surface Elevation	Date Sampled
1623L	0.3 mi/N	49.8 ft	153.7 ft	16 Mar 00
1633B	0.45 mi/NNE	61.5 ft	150.5 ft	25 Mar 01
1625N	0.85 mi/SSW	62.3 ft	127.0 ft	25 Nov 00

* bgs = below ground surface

No information was found on the depth to groundwater directly beneath the subject property. However, the data in Table 4 indicate that the groundwater depth in the general vicinity of the site has varied little in recent years from approximately 50 to 62 feet below ground surface. It appears likely that these data are representative of groundwater depth at the property of interest.

4.0 ASSESSMENT OF FINDINGS

An assessment was made of the findings of this investigation of soils beneath the aboveground storage tanks on the site. The assessment was based on guidelines established by the California Regional Water Quality Control Board (CRWQCB), Los Angeles Region.

Among the four soil samples analyzed, only one sample (SP3) contained a detectable concentration of Petroleum Hydrocarbons. Sample SP3 was found to contain 218 mg/kg (ppm) of TPH with carbon chain lengths in the range C23-C40. The CRWQCB suggests soil cleanup screening levels for TPH/C23+ of 1,000 ppm and 10,000 ppm for respective depths to groundwater of less than 40 feet and from 40 to 150 feet. The TPH/C23-C40 concentration of 218 ppm found on the subject site is well within the more stringent 1,000 ppm guideline.

Among those analyzed, two samples (SP3 and SP5) contained detectable concentrations of two Volatile Organic Compounds (VOCs). The greatest Tetrachloroethene (PCE) concentration [0.004 ppm or 4 ppb (ug/kg)] was found in Sample SP3; the greatest 1,1,1-Trichloroethane (1,1,1-TCA) concentration (0.017 ppm or 17 ppb) was found in Sample SP5. The Maximum Contaminant Level (MCL) for drinking water, given for each of these VOCs in the California Code of Regulations (CCR

Title 22), is as follows: PCE, 5 ug/l; 1,1,1-TCA, 200 ug/l. [One microgram per liter of water (ug/l) is equivalent to one ug/kg.] The maximum VOC concentrations detected in samples obtained on site are less than the respective MCLs.

Seven different Title 22 metals were detected in soil samples obtained on site. In all cases the total concentration detected was much lower than the applicable Total Threshold Limit Concentration (TTLC). Except for two results, all total concentrations (mg/kg) were also equal to, or less than, the applicable Soluble Threshold Limit Concentration (STLC, mg/l.) The exceptions were the concentrations of Total Lead in Samples SP3 (6 mg/kg) and SP5 (15 mg/kg). Even in tnese latter two samples, the Total Lead concentration would have to exceed 50 mg/kg (ten times the STLC for Lead) in order to allow the possibility that the Soluble Lead might exceed the STLC. In other words, all detected concentrations of Title 22 metals are well within the applicable threshold limits.

In summary, all concentrations of regulated materials detected in the four soil samples obtained on the subject property were well within generally accepted guidelines, applicable to each material, established by agencies of the State of California. None of these findings suggests a cause for concern.

5.0 LIMITATIONS

This report has been prepared for the exclusive use of Mr. Arthur Holst, owner of the subject property, as required by the Santa Fe Springs Fire Department. Conservtech's services in preparing the report have been performed in accordance with applicable standards, regulations, and guidelines and in accordance with currently recognized and accepted professional practice.

This report should not be regarded as a guarantee that no further regulated materials, beyond those detected during the investigation reported herein, are present in the subsurface on the property. Soil sampling and results obtained from the analysis of the samples are to be considered as of the times and specific locations from which those samples were collected. Subsurface conditions may differ at other locations and may change with time.

In the event that changes in the nature of the property use occur or additional, relevant information concerning the property is made known, the conclusions contained in this report may not be valid unless those changes and additional relevant information are reviewed and the conclusions of this report are modified or verified in writing.

6.0 CLOSING

This Aboveground Storage Tank Closure Report documents the work undertaken to implement the plan described in the Application for Storage Tank Closure that was prepared for this project.

The report has been submitted to the Santa Fe Springs Fire Department for review and approval. Although some metals, Volatile Organic Compounds, and Petroleum Hydrocarbons were detected as a result of laboratory analysis of the soil samples obtained, all concentrations were low and of little concern. As a consequence of these findings, it is recommended that the SFSFD issue a letter of closure for this project, including a statement indicating that no further work is required.

The report was prepared, reviewed, and approved by the undersigned.

Prepared by:

Harry W Evans

Harry W. Evans, REA

Reviewed and approved by:

Reid C. Delphey, RCE
Calif. RCE No. C53188
(Expires 6/30/20[illegible])

REGISTERED PROFESSIONAL ENGINEER
REID C. DELPHEY
No. C53188
Exp. 6/30/[illegible]
CIVIL
STATE OF CALIFORNIA

8/12/21

APPENDIX A
City of Santa Fe Springs Fire Department
Application for Storage Tank Closure

City of Santa Fe Springs Fire Department • Certified Unified Program Agency
11300 Greenstone Avenue
Santa Fe Springs, CA 90670
Phone (562) 944-9713 • Fax (562) 941-1817

APPLICATION FOR STORAGE TANK CLOSURE

☒ ABOVEGROUND ☐ UNDERGROUND

FACILITY NAME: FINE LINE PAINT
LOCATION: 12200 LOS NIETOS RD, SANTA FE SPRINGS, CA 90670

RESPONSIBLE PARTY INFORMATION:
Name ART HOLST
Mailing Address FX-6: Personal Privacy City FX-6: Personal Privacy State FX-6: Personal Privacy Zip FX-6: Personal Privacy
Contact Person SAME Phone FX-6: Personal Privacy

☐ CONTRACTOR OR ☒ OWNER/OPERATOR AS CONTRACTOR Please indicate by checking appropriate box A list of all subcontractors must be provided List must include subcontractor name, address, phone number, scope of work, and a copy of the contractor's license (SEE ATTACHMENT A)
Name ART HOLST State License Number
Address FX-6: Personal Privacy City FX-6: Personal Privacy State FX-6: Personal Privacy Zip FX-6: Personal Privacy
Contact Person SAME Phone FX-6: Personal Privacy

CLOSURE REQUESTED: *All closures under this application must meet the requirements and conditions listed below.*
- ☐ Permanent, tank removal, non-hazardous (see condition A attached)
- ☒ Permanent, tank removal, hazardous (see condition B attached) – NON RCRA
- ☐ Permanent, closure in place (see condition C attached).
- ☐ Temporary (see condition D attached)
- ☐ Monitoring well abandonment (see Condition E attached)

DATE TANK SYSTEM WILL BE CLEANED AND/OR EXCAVATED, OR CLOSED JULY 2001 INTENDED DISPOSITION OF TANK SCRAP OR RESALE
INTENDED DESTINATION OF TANK SYSTEM (location name and address) (SEE ATTACHMENT B)

COMPLETE THE FOLLOWING:

TANK ID NUMBER (use state tank ID# for underground tanks)	TANK MATERIAL	AGE IN YEARS	CAPACITY (GAL)	LAST MATERIAL STORED/PAST MATERIAL STORED PER CCR §7383 3(D)1	TO BE COMPLETED BY FIRE DEPT. DATE CLOSED	INSP. INITIALS	COMMENTS
ST1	FIBERGLASS	25	10,000	POLYVINYL ACETATE (PVA)			
ST2	"		6,000	PVA			
ST3	STEEL		6,000	RESIN			
ST4			6,000	"			
ST5/6			3,000	NAPHTHA/ETHYLENE GLYCOL			
ST7			2,000	PVA			
ST8			2,000	RESIN			
ST9			2,000	RESIN			

	YES	NO
Has an unauthorized release ever occurred at this site?	☒	☐ (SEE ATTACHMENT C)
Have structural repairs ever been made to these tanks?	☐	☒
Will new tanks be installed after this closure?	☐	☒

How many tanks will remain after this closure? ASTs 0 USTs 0

By signature below the applicant certifies that they have read, understand, and agree to abide by the Storage Tank Closure Requirements and Conditions, the Notification/Permit Requirements and Contractor's Declaration, the Notice to Closure Permit Applicants, and all other conditions and limitations attached. Additional guidelines are available upon request By signature below you declare you are authorized to certify on behalf of the tank operator that the identity of the last material or waste stored or accumulated in the tank is true and correct

Applicant's Signature _____ Date _____
Print Name ART HOLST Phone FX-6: Personal Privacy
Title(please check): (Owner) Operator Contractor

TO BE COMPLETED BY THE SANTA FE SPRINGS FIRE DEPARTMENT

PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS. THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

Neal Welland, Fire Chief — Inspector _____ Date Approved _____
Fee Amount $ — Date Paid — Received by

CLOSURE PERMIT SAMPLING SUPPLEMENT

Part 1 of 2

To satisfy the permanent closure requirements for storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Storage Tank Closure or contained in an approved Closure Plan. Additional guidelines regarding soil sampling requirements are available upon request.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.

2. For each SP, samples shall be obtained at the following depths identified below. Note: Underground storage tank sites undergoing closure must be tested by Method 8260B for all volatile organic compounds (VOCs) per H&SC §25299.37.1 (for MTBE) and Los Angeles Regional Water Quality Control Board requirements for other volatile organic compounds (VOCs). Preparation method 5035 must be used for all VOCs.

SP	Depth(s)	Compounds	Analysis Method
SP1	2-4 FT	CAM METALS, VOCs, TPH/CARBON CHAIN SCAN	*
SP2	"	"	"
SP3	"	"	"
SP4	"	"	"
SP5	"	"	"

* CAM METALS — METHOD 7000 SERIES
VOCs — " 8260B
TPH/CARBON-CHAIN SCAN — " 8015M/SCAN

part 2 on reverse side

ATTACHMENT A
COMPANIES PERFORMING WORK
ACCORDING TO SCOPE OF WORK

12200 Los Nietos Road
Santa Fe Springs, CA 90670

Identification of Companies

The following company will clean, remove, and dispose of the tanks, as described in the Scope of Work below:

Adams Services Inc.
406 East Alondra Blvd.
Gardena, CA 90248
Tel 310/523-4430

The following company will obtain the required subsurface soil samples, assess laboratory results, and document the work, as described in the Scope of Work below:

Conservtech, Division of
Delphey/Gerdes Engineering, Inc.
3655 South Soto St.
Vernon, CA 90058

Documentation to certify the above companies if attached.

Scope of Work

The following Scope of Work lists the tasks to be performed by each company.

Adams Services Inc.

(1) Clean and dispose of residual product from two fiberglass and six steel aboveground storage tanks, designated ST-1 through ST-9 (including one partitioned tank, ST-5/6). Approximate volume of waste to be generated from cleaning is expected to be 16 drums. Provide disposal documentation.
(2) Clean and dispose of one baghouse, baghouse waste and two pumps.
(3) Remove and dispose of tanks. Issue a certificate of destruction or bill of sale for tank recycling/reuse.

All confined space entry work will be performed in accordance with 29 CFR 1910.146 and 8 CCR 5156 regulations.

Conservtech, Division of Delphey/Gerdes Engineering

(1) Core the concrete at each of five sample points.
(2) Obtain an undisturbed soil sample at a depth of 2-4 feet from each sample point by means of hand auger and slide-hammer sampler.
(3) Submit the samples to a state-certified laboratory for analysis.
(4) Backfill the borings with bentonite, hydrate, and top with several inches of concrete flush with surrounding pavement.
(5) Document the tank closures in a written report to be submitted to the Santa Fe Springs Fire Department for review and approval.

Solid waste from the cleaning of tanks will be disposed of at the facility of

DK Environmental
3650 East 26th St.
Vernon, CA 90023

Rinsate from the cleaning of tanks will be disposed of at the facility of

DeMenno/Kerdoon
2000 N. Alameda St.
Compton, CA 90222

ATTACHMENT B
DISPOSITION OF TANKS

12200 Los Nietos Road
Santa Fe Springs, CA 90670

- Two fiberglass tanks will be taken to the following facility for disposal/destruction.

  NorCal County Landfill
  2050 South Milliken Ave.
  Ontario, CA

- Six steel tanks (including one partitioned tank) will either be sold for reuse, if a buyer can be found, or otherwise destroyed for scrap.

  Potential buyer of tanks for reuse is

  Douglas Tank Sales & Service Co.
  23341 Wagon Trail Road
  Diamond Bar, CA 91765

  Scrap metal facility is

  Downtown Metals Center
  2728 Long Beach Ave. East
  Los Angeles, CA 90058

ATTACHMENT C
PAST UNAUTHORIZED RELEASE

12200 Los Nietos Road
Santa Fe Springs, CA 90670

An unauthorized release of solvent from an underground storage tank (UST) was discovered at this facility in the late 1980s. Subsequently, the UST was removed, a soils investigation was performed to determine the extent of the leakage, and the impacted soils were remediated. A closure letter by the Los Angeles Regional Water Quality Control Board was issued on 29 February 1996. No USTs remain on the property.

Department of Toxic Substances Control

Edwin F. Lowry, Director
400 P Street, 4th Floor, P.O. Box 806
Sacramento, California 95812-0806

Winston H. Hickox
Agency Secretary
California Environmental
Protection Agency

Gray Davis
Governor

HAZARDOUS WASTE TRANSPORTER REGISTRATION

NAME AND ADDRESS OF REGISTERED TRANSPORTER:

Adams Services, Inc.
406 East Alondra Blvd.
Gardena, California 90248-2902

TRANSPORTER REGISTRATION NO: 3216

EXPIRATION DATE: November 30, 2001

THIS IS TO CERTIFY THAT THE FIRM NAMED ABOVE IS DULY REGISTERED TO TRANSPORT HAZARDOUS WASTE IN THE STATE OF CALIFORNIA IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 6.5, DIVISION 20 OF THE HEALTH AND SAFETY CODE AND TITLE 22 OF THE CALIFORNIA CODE OF REGULATIONS, DIVISION 4.5.

THIS REGISTRATION CERTIFICATE MUST BE CARRIED WITH EACH SHIPMENT OF HAZARDOUS WASTE.

FOR REGISTRATION INFORMATION, PLEASE CONTACT MS. TARI PATTERSON AT (916) 323-3219.

(AUTHORIZED SIGNATURE)

NOV 2 9 2000

(DATE)

South Coast
Air Quality Management District
21865 E. Copley Drive, Diamond Bar, CA 91765-4182
(909) 396-2000 · http://www.aqmd.gov

DATE: 05/30/01

EQUIPMENT LOCATED AT: VARIOUS LOCATIONS IN SCAQMD
GARDENA, CA 90248

LEGAL OWNER CO. ID: 106375
OR OPERATOR ADAMS SERVICES, INC
406 E ALONDRA BLVD
GARDENA, CA 90248

PERMIT RENEWALS

PERMIT/ APPL NBR	EQUIPMENT DESCRIPTION	NEXT RENEWAL DATE
BILLING YEAR :	2000	
D93903	TANK DEGASSING, UNDERGROUND, OTHER	03-16-02

2 July 2001

To Whom It May Concern:

The purpose of this letter is to introduce Mr. Harry W. Evans, staff member of Conservtech, a division of Delphey/Gerdes Engineering, Inc. Delphey/Gerdes Engineering is a design and consulting organization in civil and environmental engineering. Environmental services provided include property assessments, investigations, and remedial action planning with respect to hazardous materials in the environmental.

This letter verifies that Mr. Evans, who holds the M. S. Degree in Engineering, has been trained in the proper field procedures for obtaining soil samples, preserving those samples, and documenting the sample collections according to generally accepted protocols. His training also includes familiarization with the requirements for reporting the activities undertaken and the results obtained from field investigations.

When this letter is presented, Mr. Evans will be acting on behalf of, and under the technical supervision of, the undersigned California Registered Civil Engineer. Mr. Evans will report the results of his field activities directly to the undersigned, who will be responsible for the preparation of the required documentation for those activities.

Please feel free to contact the undersigned (323/583-6897) if there are any questions regarding this matter.

Very truly yours,

Reid C. Delphey, P.E.
Calif. RCE No. C53188
(Expires 6/30/2003)

REGISTERED PROFESSIONAL ENGINEER
REID C. DELPHEY
No. C53188
Exp. 6/30/03
CIVIL
STATE OF CALIFORNIA

7/2/01

CONSERVTECH a division of DELPHEY / GERDES ENGINEERING, INC.
3655 South Soto Street • Vernon, CA 90058 • Phone: (323) 583-6897 • Fax: (323) 587-8132 • E-Mail: delgereng@aol.com

APPENDIX B
Uniform Hazardous Waste Manifests for Disposal of Tank Contents, Rinsate, and Bag House Dust

K ENVIRONMENTAL
50 EAST 26TH STREET
ERNON, CA 90023

(1)

323 587-8732

D/K Environmental has the appropriate permits required by Local, State and Federal regulations to accept and receive the waste described.

ST
EE

Waste I.D. # 310718-26
(Assigned by DKE)

CUSTOMER INFORMATION
Name of Company: ADAMS SERVICES, INC. EPA ID #: CAL 922 125 668
Facility Address: 406 E. ALONDRA BLVD. GARDENA, CA 90248-2902 Mailing Address: SAME
Contact: Ryder L. Adams Title: Dir., Inc. Relations Phone (310) 523-4430 Fax (310) 523-1518

GENERATOR INFORMATION (if different than customer)
Name of Company: [illegible] US EPA #: CAC 002 410 711
Facility Address: 12200 Los Nietos [illegible], Santa Fe Springs 24 Hour Contact: ______ Phone: [illegible]
Contact: ______ Title: ______ Phone ( ) ______ Fax ( ) ______

WASTE STREAM INFORMATION
Waste Name: PVA Emulsions Process Generating Waste: [illegible] Tank Cleaning
Packaging: ☐ Bulk Liquid ☐ Bulk Solid ☐ Lab Pack ☒ Drums ☐ Size ______ Other ______
Volume: 16 ☐ Gallons ☐ Lbs. ☐ Cubic Yards Per: ☐ Month ☐ Quarter ☐ Year

PHYSICAL CHARACTERISTICS OF WASTE
1. General Characteristics
Color: Beige ☐ Liquid ___ % free
Odor: ______ ☒ Solid 100% ☐ Single Layer
☐ None ☐ Strong ☐ Sludge ☐ Double Layer
☐ Mild ☐ Powder ☐ Multi Layer

2. Specific Gravity
☐ <0.8 ☐ 1.4-1.7
☐ 0.8-1.0 ☐ >1.7
☒ 1.0-1.2 ☐ ___ Exact
☐ 1.2-1.4

3. Flash Point
☐ < 100F ☒ > 200F
☐ 100-140F
☐ 140-200F
Method ______

pH: ☐ < 2 ☐ 2-4 ☐ 4-7 ☐ 7 ☐ 7-10 ☐ 10 - < 12.5 ☐ > 12.5 ☐ Range ☐ NA

E. CHEMICAL COMPOSITION

Component	%
PVA Emulsion	0-60%
[illegible] Resin	0-50%
Absorbent	0-50%
	%
	%
TOTAL	100%

F. METALS

UNK	YES	NO	Metal		UNK	YES	NO	Metal	
☐	☐	☒	Arsenic(As)	PPM	☐	☐	☒	Mercury (Hg)	PPM
☐	☐	☒	Barium(Ba)	PPM	☐	☐	☒	Nickel(Ni)	PPM
☐	☐	☒	Cadmium(Cd)	PPM	☐	☐	☒	Selenium(Se)	PPM
☐	☐	☒	Chromium(Cr)	PPM	☐	☐	☒	Silver(Ag)	PPM
☐	☐	☒	Copper(Cu)	PPM	☐	☐	☒	Thallium(Tl)	PPM
☐	☐	☒	Lead(Pb)	PPM	☐	☐	☒	Zinc(Zn)	PPM
☐	☐	☒	(Hex) Chrome	PPM	☐	☐	☒	Other	PPM
☐	☐	☒	Other	PPM	☐	☐	☒	Other	PPM

☐ Total, ppm ☐ Extract(TCLP)

Is this waste subject to RCRA Subpart CC Controls? ☐ Yes ☐ No Volatile Organic concentration, if known ______ ppmw
Is this waste subject to Benzene Waste Operation NESHAP? ☐ YES ☐ NO If yes, what is the SIC code for operations generating this waste?
If this waste includes any RCRA Codes D001 through D043, can this waste reasonably be expected to exceed the 40CFR268.48 Universal Treatment Standards (UTS) for any Underlying Hazardous Constituent(s)? ☐ YES ☒ NO. If yes, complete Attachment [illegible]
This waste is (check one): ☐ Wastewater ☒ Non-wastewater
Does wastewater treatment of this waste generate an F006 or F019 waste? ☐ YES ☐ NO

FAXED JUL 1 9 2001

FAXED JUL 1 8 2001 BY

HAZARDOUS CHARACTERISTICS (From CPH-40) in the waste?
☒ None ☐ Pyrophoric ☐ Infectious/Pathogenic ☐ Reactive
☐ Radioactive ☐ PCBs ☐ Explosive/Shock Sensitive ☐ Pesticides/Herbicides

H. OTHER COMPONENTS

UNK	YES	NO	Component	
☐	☐	☒	Cyanides	PPM
☐	☐	☒	Chelating Agents	PPM
☐	☐	☒	Silicates	PPM
☐	☐	☒	Ammonia	PPM
☐	☐	☒	Phosphates	PPM
☐	☐	☒	Phenols	PPM
☐	☐	☒	Halogenated Organics	PPM
☐	☐	☒	Aromatic Hydrocarbons	PPM

I. SHIPPING INFORMATION
D.O.T. Proper Shipping Name: CA RCRA Hazardous Waste Solid NOS (Resin)
R.Q. ______ UN/NA # NA 3077 Hazardous Class 9 PG III
RCRA Waste? ☐ Yes ☒ No ☐ Code ______
CA Hazardous Waste? ☒ Yes ☐ No ☐ Code 331
"I hereby certify that this waste is non-hazardous in accordance with both Federal and State California Hazardous Waste Statutes and Regulations." (check here if you are certifying that this waste is non-hazardous) ☐

J. Special Handling Information ______

I certify and warrant that the above information, the information attached, and the waste stream so described is true and correct to the best of my knowledge and ability to determine, that all hazards have been disclosed, and that a sample has been or is being sent to the proper facility. If this certification is made by a broker, the undersigned signs as an authorized agent of the generator, and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary.

[signature] 7-18-01
SIGNATURE TITLE DATE

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAC002410717 | Manifest Document No: | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
FINE LINE PAINTS
223 5th STREET
SEAL BEACH, CA 90740
4. Generator's Phone: 562 / 946-0642

A. State Manifest Document Number: 99789590
B. State Generator's ID:

5. Transporter 1 Company Name: ADAMS SERVICES, INC.
6. US EPA ID Number: CAL922125660
C. State Transporter's ID (Reserved):
D. Transporter's Phone: (310) 523-4430

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID (Reserved):
F. Transporter's Phone:

9. Designated Facility Name and Site Address
D/K ENVIRONMENTAL
3650 E. 26th Street
Vernon, CA 90023
10. US EPA ID Number: CAT080002361
G. State Facility's ID:
H. Facility's Phone: (323) 268-5056

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Hazardous waste, solid, n.o.s., 9, NA3077, III	012	DM	04800	P	State: 321 EPA/Other: N/A
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above:

K. Handling Codes for Wastes Listed Above:
a. | b. | c. | d.

15. Special Handling Instructions and Additional Information
NO SMOKING, WEAR PROPER PROTECTIVE EQUIPMENT

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name: Arthur E. Holst Jr. | Signature: Arthur E. Holst Jr. | Month: 07 | Day: 20 | Year: 01

17. Transporter Acknowledgement of Receipt of Materials

Printed/Typed Name: RYAN ADAMS | Signature: | Month: 07 | Day: 20 | Year: 01

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: | Signature: | Month: | Day: | Year:

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name: | Signature: | Month: | Day: | Year:

GENERATOR
TRANSPORTER
FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802 WITHIN CALIFORNIA, CALL 1-800-852-7550

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Where To: TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS
P.O. Box 3000, Sacramento, CA 95812

Approved OMB No. 2050-0039 (Expires 9/30/97)
Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAC002410711 | Manifest Document No: | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
PINE LINE PAINTS
223 5th STREET
SEAL BEACH, CA 90740
4. Generator's Phone: 562 ; 946-0642

A. State Manifest Document Number: 99789591
B. State Generator's ID:

5. Transporter 1 Company Name: ADAMS SERVICES, INC.
6. US EPA ID Number: CAL922121256 60
C. State Transporter's ID (Reserved):
D. Transporter's Phone: (310) 523-4430

7. Transporter 2 Company Name:
8. US EPA ID Number:
E. State Transporter's ID (Reserved):
F. Transporter's Phone:

9. Designated Facility Name and Site Address
DeMENNO/KERDOON
2000 N. ALAMEDA ST.
COMPTON, CA 90222-2789
10. US EPA ID Number: CAT080012252
G. State Facility's ID:
H. Facility's Phone: (310) 537-7100

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. NON-RCRA HAZARDOUS WASTE LIQUID (OIL & WATER)	001	TT	00100	G	State 241 / EPA/Other N/A
b.					State / EPA/Other
c.					State / EPA/Other
d.					State / EPA/Other

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above
a. b. c. d.

NO SMOKING, WEAR PROPER PROTECTIVE EQUIPMENT
SITE: 12200 LOS NIETOS, SANTA FE SPRINGS

GENERATOR

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Arthur E. Holst	Arthur E. Holst	07	19	91

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
RYBER DORIS		07	19	91

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

White — TSDF SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To — P.O. Box 3000, Sacramento, CA 95812

APPENDIX C
Marine Chemist Certification and Testing

Thomas D. Beck & Assoc., Inc.
dba **HARBOR TESTING LABORATORY**
24 HOUR PHONE: (562) 492-9646

SANTA FE SPRINGS

MARINE CHEMIST CERTIFICATE

Serial # 10572

ADAMS SERVICES	FINELINE PAINTS	24 JULY 01
Survey Requested By	Vessel Owner or Agent	Date
ABOVE GROUND TKS	ABOVE GROUND TK	12200 LOS NIETOS
Vessel	Type of Vessel	Specific Location of Vessel
RESIN SOLUTION, GLYCOL,	LEL, O2, VISUAL	0715
Last Cargo ACETATE EMULSION	Tests Performed	Time Survey Completed

ABOVE GROUND TANKS	ALL TESTED: 0% LEL, 20.8% OXYGEN
ST-1; ST-2, ST-3;	NOT SAFE FOR WORKERS
ST-4; ST-5; ST-6;	NOT SAFE FOR HOT WORK
ST-8; ST-7, ST-9	TANKS HAVE BEEN CLEANED
and	SAFE TO CUT OUT TANKS
BAG HOUSE	USING HYDRAULIC/PNEUMATIC TOOLS.

MSA ALTAIR S/N 3236 CALIBRATED 0600 HRS 24 JULY 01

QUALIFICATIONS: Transfer of ballast or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2):

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume, and that, (b) toxic materials in the atmosphere are within permissible concentrations, and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are specified.

SAFE FOR HOT WORK: Means that in any compartment designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed, and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit, and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate, and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

CHEMIST'S ENDORSEMENT: This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it is issued."

Signed: KYLE ADAMS — Name — Company — 7-24-01 Date

This Certificate is based on conditions existing at the time the inspection hereon set forth was completed and is subject to compliance with all qualifications and instructions.

Signed: [illegible] — Marine Chemist — Certificate No. [illegible]

City of Santa Fe Springs • Certified Unified Program Agency

STORAGE TANK CLOSURE CERTIFICATION

PAGE ___ OF ___

I. FACILITY IDENTIFICATION

FACILITY NAME	FACILITY ID #
Fine Line Paint	CAC0024 10711

TANK OWNER NAME (Print First Name, Last Name)

Art Holst

TANK OWNER ADDRESS	CITY	STATE	ZIP CODE
12200 Los Nietos Rd	Santa Fe Springs	Ca	90670

II. TANK CLOSURE INFORMATION

TANK INTERIOR ATMOSPHERE READINGS	TANK # (State Tank ID#, if applicable)	FLAMMABLE VAPOR			OXYGEN		
		TOP	MIDDLE	BOTTOM	TOP	MIDDLE	BOTTOM
	ST-1 ; ST-2	LEL 0%	→	→	20.8%	→	→
	ST-3 ; ST-4	0%	→	→	20.8	→	→
	ST-5 ; ST-6	0%	→	→	20.8%	→	→

III. CERTIFICATION

On examination of the tank, I certify the tank is visually free from product, sludge, rinseate and debris. I further certify that the information provided herein is true and accurate to the best of my knowledge.

CERTIFIER SIGNATURE	[signature]
CERTIFIER (Print First Name, Last Name)	TOM BECK
CERTIFIED TITLE	MARINE CHEMIST
ADDRESS	PO BOX 7827
CITY	LONG BEACH, CA
PHONE	(562) 492-9646
CERTIFICATION DATE	24 JUNE 01
CERTIFICATION TIME	0715

STATUS OR AFFILIATION OF CERTIFYING PERSON

Tanks must be certified by one of the following (if other than a CMC, certification must be in appropriate discipline):

- ☐ Certified Industrial Hygienist (CIH)
- ☐ Certified Safety Professional (CSP)
- ☒ Certified Marine Chemist (CMC)

☒ YES ☐ NO This tank previously held flammable or combustible materials. Atmosphere should be re-checked prior to any work being conducted on the tank.

A copy of this certificate shall accompany the tank to the recycling/disposal facility.

OFFICIAL USE ONLY

DATE RECEIVED	REVIEWED BY	COMMENTS

City of Santa Fe Springs • Certified Unified Program Agency

STORAGE TANK CLOSURE CERTIFICATION

PAGE ___ OF ___

I. FACILITY IDENTIFICATION

FACILITY NAME	FACILITY ID #
Frink Line Paint	CAC0024107 11

TANK OWNER NAME (Print First Name, Last Name): Arthur Holst

TANK OWNER ADDRESS	CITY	STATE	ZIP CODE
12200 Los Nietos Rd	Santa Fe Springs	Ca	90670

II. TANK CLOSURE INFORMATION

TANK INTERIOR ATMOSPHERE READINGS	TANK # (State Tank ID#, if applicable)	FLAMMABLE VAPOR			OXYGEN		
		TOP	MIDDLE	BOTTOM	TOP	MIDDLE	BOTTOM
	ST-7; ST-8	LEL 0%	→	→	20.8%	→	→
	ST-9	0%	→	→	20.8%	—	—
	BBQ House	0%	→	→	20.8%	—	—

III. CERTIFICATION

On examination of the tank, I certify the tank is visually free from product, sludge, rinsate and debris. I further certify that the information provided herein is true and accurate to the best of my knowledge.

CERTIFIER SIGNATURE: [signature]

CERTIFIER (Print First Name, Last Name): TOM BECK

CERTIFIED TITLE: MARINE CHEMIST

ADDRESS: PO Box 7827

CITY: L.B. CA LONG BEACH

PHONE: 562 492-9646

CERTIFICATION DATE: 24 JULY 01

CERTIFICATION TIME: 0715

STATUS OR AFFILIATION OF CERTIFYING PERSON

Tanks must be certified by one of the following (if other than a CMC, certification must be in appropriate discipline):

- ☐ Certified Industrial Hygienist (CIH)
- ☐ Certified Safety Professional (CSP)
- ☒ Certified Marine Chemist (CMC)

☐ YES ☐ NO This tank previously held flammable or combustible materials. Atmosphere should be re-checked prior to any work being conducted on the tank.

A copy of this certificate shall accompany the tank to the recycling/disposal facility.

OFFICIAL USE ONLY

DATE RECEIVED	REVIEWED BY	COMMENTS

APPENDIX D
Certificates of Tank Destruction/Disposal

JUL-24-2001 10:55 P.01/01

CERTIFICATE OF DESTRUCTION

COMPANY NAME Fine Line Paints

ADDRESS 12200 Los Nietos #07
Santa Fe Spring

ADAMS STEEL CERTIFIES THAT 1- 4K
Tank & some Scrap

HAS/HAVE BEEN SCRAPPED, CRUSHED AND TOTALLY DESTROYED ON: 7/24/01

SIGNATURE [signature]

TITLE Weigh Master

DATE 7/24/01

ADAMS STEEL
3200 E. FRONTERA ROAD
ANAHEIM CA 92806
(714) 777-CARS
FAX (714) 630-5836

TOTAL P.01

JUL-24-2001 12:53 P.01/01

CERTIFICATE OF DESTRUCTION

COMPANY NAME Fineline Paints

ADDRESS 12200 Los Nietos #0715
Santa fe Springs

ADAMS STEEL CERTIFIES THAT 2-1K tanks
1-2K tank

HAS/HAVE BEEN SCRAPPED, CRUSHED AND TOTALLY DESTROYED ON: July 24/01

SIGNATURE Rma Mata

TITLE Weighmaster

DATE July 24/01

ADAMS STEEL
3200 E. FRONTERA ROAD
ANAHEIM CA 92806
(714) 777-CARS
FAX (714) 630-5836

TOTAL P.01

CERTIFICATE OF DESTRUCTION

COMPANY NAME Fine Line Paints

ADDRESS 12200 Los Nietos # 0715
Santa Fe Springs

ADAMS STEEL CERTIFIES THAT 2 16K Tanks
& 2 4K tanks

HAS/HAVE BEEN SCRAPPED, CRUSHED AND TOTALLY DESTROYED ON: July 24/01

SIGNATURE [signature]

TITLE Weighmaster

DATE July 24/01

ADAMS STEEL
3200 E. FRONTERA ROAD
ANAHEIM CA 92806
(714) 777-CARS
FAX (714) 630-5836

ADAMS SERVICES, INC.

406 E. Alondra Blvd., Gardena, CA 90248-2902
(310) 523-4430 Δ FAX (310) 523-1518

CERTIFICATE OF DISPOSAL

This certifies that the following tanks from the site listed below were delivered to San Bernardino County Solid Waste Management's Mid-Valley Landfill for destruction (see Receiving Ticket 21187874, below).

Pull Date: **July 24, 2001**

Site: **FINE LINE PAINTS**
12200 Los Nietos Road
Santa Fe Springs, CA

Tanks: **1 - 10' x 18' fiberglass tank**
1 - 8' x 19' fiberglass tank

SAN BERNARDINO COUNTY
SOLID WASTE MANAGEMENT DIVISION
222 W. HOSPITALITY LANE, 2ND FLOOR
SAN BERNARDINO, CA 92415-0017

WEIGHT RECEIPT

Transaction # 21187874

Decal 022963
Vehicle Id
Container
Customer ADAMS SERVICES INC.
Account 000167

Date 07/24/01
Time In 12:30
Time Out 12:30
Operator BH/ BH
Location 22 Mid-Valley #2

Transaction 200 - Commercial Payment By -1 - Charge
Material 310 - Construction/Demoli Destination 100 - Mid-Valley LF
Origin 298 - LA County 4480 LBS 2.24 TN 100 % of load
Origin LBS TN % of load
Origin LBS TN % of load

	Lbs	Tons	Scale		
Gross	36140	18.07	1	Tipping Fee	
Tare	31660	15.83	(K)	Special Fee	HH-1
Net	4480	2.24		Total Fee	HH-Hard to Handle Sur

SANTA FE SPRINGS
Fall is great for composting - call 1-800-722-8004 for free info.

Print: H. Demers Sign: H. DEMERS

CHARGE CUSTOMERS - THIS IS NOT AN INVOICE

APPENDIX E
Soil Sampling Protocol

SOIL SAMPLING PROTOCOL

The sampling protocol is described below. Included in the following is a commentary on Obtaining Samples, Safeguarding the Samples, Cleaning of Sampling Equipment, and the Chain-of-Custody.

Obtaining Samples

For this project, samples to be analyzed were obtained by two different means: (a) Samples were obtained by hand auger and slide-hammer sampler and retained in the sample sleeves; and (b) samples were taken by means of the En Core soil samplers from soils brought to the surface in the slide hammer sampler.

The first means of sampling required the use of a hand auger to bore down to the desired sampling depth. A slide-hammer sampler was then used to obtain the sample. The sampler contains two stainless steel sleeves. The sampler was driven into the ground filling the sleeves with soil. The first sleeve selected for analysis was end covered with Teflon sheet and sealed by application of plastic end caps. The caps were taped using non-VOC tape. The exterior surface of the tube was cleaned, and an identification label was applied.

The second means of sampling required the taking of three samples, each by separate En Core sampler, from soil in the second sleeve of the slide hammer sampler. Each En Core sampler, in turn, was inserted in the T-Handle and pushed into the soil within the metal sleeve until the coring body was completely full leaving no head space. The sampler was removed, and excess soil was wiped from the coring body exterior. The coring body was capped while still in the T-Handle; removed from the handle, and the plunger was locked by rotating. The tear-off label from the En Core Sampler bag was attached to the cap on the coring body, and the sampler was returned to the Ziplock-type bag, which was sealed and stored on ice. The En Core samplers, which are fabricated of plastic, have a capacity of 5 grams.

Safeguarding the Samples

Following labeling, the 2-inch by 3-inch sample sleeves and En Core samplers were inserted into protective Ziplock-type bags and stored in a chilled cooler containing Blue Ice. The samples were held in chilled storage until relinquished to the State-certified analytical testing laboratory at which time they were transferred to refrigerated storage at

the laboratory until analyzed. The samples were delivered to the laboratory immediately upon completion of sampling operations.

In this case all samples were designated for analysis; no samples were archived for possible future analysis.

Cleaning of Sampling Equipment

Except for the En Core soil samplers, all other sampling equipment was cleaned before use at the site. The slide hammer sampler was cleaned prior to each sampling event. The En Core samplers were used as received from the factory. The cleaning process included washing with a Liqui-Nox solution followed by rinses using distilled water.

Chain-of-Custody

The Chain-of-Custody procedure for tracking the possession and handling of each individual soil sample from the time of collection in the field through laboratory analysis consists of the following discrete elements:

Sample Labeling

Each sample is labeled to prevent misidentification, and the information on each label is made legible. The labels and information are sufficiently durable to remain legible and affixed to the sample when wet. The label on each sample contains, at a minimum, the following information:

a. Sample identification number, boring number, depth.
b. Name of collector.
c. Date and time of collection.
d. Site location.

Custody Record

A Chain-of-Custody record is maintained for all samples. The record contains the following information:

a. Sample numbers.
b. Signature of collector.
c. Date and time of collection.
d. Site where samples were collected.
e. Identification of borings.
f. Number of containers.
g. Parameters requested for analysis.
h. Signatures of persons in possession of samples.
i. Inclusive times and dates of possession.

APPENDIX F
Laboratory Results from Analysis of Soil Samples

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

August 08, 2001 Certificate No.: 2268

Mr. Harry Evans
Conservtech
3655 South Soto Street
Vernon, CA 90058

Project. Art Holst

Dear Mr. Evans:

Enclosed please find the report for the sample(s) received by Chemical & Environmental Laboratories and analyzed as indicated in the chain-of-custody attached.

We appreciate the opportunity to service the needs of your company. Please call me at (562) 921-8123 if you have any questions.

Sincerely,

Larry Zhang, Ph.D.
Laboratory Director

14148 E. Firestone Blvd., Santa Fe Springs, CA 90670 Tel: 562 921-8123, Fax: 562 921-7974

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

--- 8015M(HC-Range) ---

Client Name: Conservtech
Project Manager: Harry Evans
Project Name: Art Holst
Sample Matrix: Soil

Date Sampled: 08/01/01
Date Analyzed: 08/02/01
Date Reported: 08/06/01

SAMPLE INFORMATION			RESULT (mg/kg or ppm)		
C&E ID	Sample ID	DF	C4-C12	C13-C22	C23-C40
10801A-1	SP1	1	ND	ND	ND
10801A-2	SP4	1	ND	ND	ND
10801A-3	SP5	1	ND	ND	ND
10801A-4	SP3	1	ND	ND	218
Detection Limit			0.1	10	50

ND = Not detected at the indicated detection limit.
DF = Dilution Factor
Reporting Limit = DF x Detection Limit

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

— EPA 8260B/5035 —

Client Name: Conservtech
Project Manager: Harry Evans
Project Name: Art Holst
Sample Matrix: Soil

Date Sampled: 08/01/01
Date Analyzed: 08/02/01
Date Reported: 08/06/01

C&E ID		10801A-1	10801A-2	10801A-3	10801A-4	
SAMPLE ID		SP1	SP4	SP5	SP3	
DF		1	1	1	1	
COMPOUND	Detection Limit (ug/kg)	RESULT (ug/kg or ppb)				
Benzene	2	ND	ND	ND	ND	
Bromobenzene	2	ND	ND	ND	ND	
Bromochloromethane	2	ND	ND	ND	ND	
Bromodichloromethane	2	ND	ND	ND	ND	
Bromoform	2	ND	ND	ND	ND	
Bromomethane	2	ND	ND	ND	ND	
n-Butylbenzene	2	ND	ND	ND	ND	
sec-Butylbenzene	2	ND	ND	ND	ND	
tert-Butylbenzene	2	ND	ND	ND	ND	
Carbon Tetrachloride	2	ND	ND	ND	ND	
Chlorobenzene	2	ND	ND	ND	ND	
Chloroethane	2	ND	ND	ND	ND	
Chloroform	2	ND	ND	ND	ND	
Chloromethane	2	ND	ND	ND	ND	
2-Chlorotoluene	2	ND	ND	ND	ND	
4-Chlorotoluene	2	ND	ND	ND	ND	
Dibromochloromethane	2	ND	ND	ND	ND	
1,2-Dibromo-3-chloropropane	2	ND	ND	ND	ND	
1,2-Dibromoethane	2	ND	ND	ND	ND	
Dibromomethane	2	ND	ND	ND	ND	
1,2-Dichlorobenzene	2	ND	ND	ND	ND	
1,3-Dichlorobenzene	2	ND	ND	ND	ND	
1,4-Dichlorobenzene	2	ND	ND	ND	ND	
Dichlorodifluoromethane	2	ND	ND	ND	ND	
1,1-Dichloroethane	2	ND	ND	ND	ND	
1,2-Dichloroethane	2	ND	ND	ND	ND	
1,1-Dichloroethene	2	ND	ND	ND	ND	
cis-1,2-Dichloroethene	2	ND	ND	ND	ND	
trans-1,2-Dichloroethene	2	ND	ND	ND	ND	
1,2-Dichloropropane	2	ND	ND	ND	ND	

To be continued on page 2

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

— EPA 8260B/5035 —

Client Name: Conservtech
Project Manager: Harry Evans
Project Name: Art Holst
Sample Matrix: Soil

Date Sampled: 08/01/01
Date Analyzed: 08/02/01
Date Reported: 08/06/01

C&E ID		10801A-1	10801A-2	10801A-3	10801A-4	
SAMPLE ID		SP1	SP4	SP5	SP3	
COMPOUND	Detection Limit (ug/kg)	RESULT (ug/kg or ppb)				
1,3-Dichloropropane	2	ND	ND	ND	ND	
2,2-Dichloropropane	2	ND	ND	ND	ND	
1,1-Dichloropropene	2	ND	ND	ND	ND	
cis-1,3-Dichloropropene	2	ND	ND	ND	ND	
trans-1,3-Dichloropropene	2	ND	ND	ND	ND	
Ethylbenzene	2	ND	ND	ND	ND	
Hexachlorobutadiene	2	ND	ND	ND	ND	
Isopropylbenzene	2	ND	ND	ND	ND	
4-Isopropyltoluene	2	ND	ND	ND	ND	
Methylene Chloride	2	ND	ND	ND	ND	
Naphthalene	2	ND	ND	ND	ND	
n-Propylbenzene	2	ND	ND	ND	ND	
Styrene	2	ND	ND	ND	ND	
1,1,1,2-Tetrachloroethane	2	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	2	ND	ND	ND	ND	
Tetrachloroethene	2	ND	ND	3	4	
Toluene	2	ND	ND	ND	ND	
1,2,3-Trichlorobenzene	2	ND	ND	ND	ND	
1,2,4-Trichlorobenzene	2	ND	ND	ND	ND	
1,1,1-Trichloroethane	2	ND	ND	17	5	
1,1,2-Trichloroethane	2	ND	ND	ND	ND	
Trichloroethene	2	ND	ND	ND	ND	
Trichlorofluoromethane	2	ND	ND	ND	ND	
1,2,3-Trichloropropane	2	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	2	ND	ND	ND	ND	
1,2,5-Trimethylbenzene	2	ND	ND	ND	ND	
Vinyl Chloride	1	ND	ND	ND	ND	
Total Xylenes	2	ND	ND	ND	ND	

ND = Not detected at the indicated detection limit.
DF = Dilution Factor
Reporting Limit = DF x Detection Limit

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

ANALYTICAL REPORT

— CAM Metals —

Client Name:	Conservtech	Date Sampled:	08/01/01
Project Manager:	Harry Evans	Date Analyzed:	08/03/01
Project Name:	Art Holst	Date Reported:	08/06/01
Sample Matrix:	Soil		

C&E ID			10801A-1	10801A-2	10801A-3	10801A-4	
SAMPLE ID			SP1	SP4	SP5	SP3	
ELEMENT	METHOD	Detection Limit (mg/kg)	RESULT (mg/kg or ppm)				
Antimony (Sb)	6010	5	ND	ND	ND	ND	
Arsenic (As)	6010	5	ND	ND	ND	ND	
Barium (Ba)	6010	5	79	87	37	27	
Berryllium (Be)	6010	0.5	ND	ND	ND	ND	
Cadmium (Cd)	6010	0.5	ND	ND	ND	ND	
Chromium (Cr)	6010	1	12	14	9	4	
Cobalt (Co)	6010	5	ND	ND	ND	ND	
Copper (Cu)	6010	1	12	13	8	6	
Lead (Pb)	6010	1	5	5	15	6	
Mercury (Hg)	7471	0.1	ND	ND	ND	ND	
Molybdenum (Mo)	6010	5	ND	ND	ND	ND	
Nickel (Ni)	6010	5	10	12	ND	ND	
Selenium (Se)	6010	1	ND	ND	ND	ND	
Silver (Ag)	6010	1	ND	ND	ND	ND	
Thallium (Tl)	6010	5	ND	ND	ND	ND	
Vanadium (V)	6010	5	15	18	8	6	
Zinc (Zn)	6010	1	27	30	28	20	

ND = Not detected at the indicated detection limit.

14148 E. Firestone Blvd., Santa Fe Springs, CA 90670 Tel: 562 921-8123, Fax: 562 921-7974

CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

Spike/Spike Duplicate
— M8015(Diesel) —

Date Performed: 08/02/01
Lab Sample I.D.: 10801A

Unit: mg/kg

ANALYTE	SPK CONC	MS (mg/kg)	MS %	MSD (mg/kg)	MSD %	RPD	ACP %MS	ACP RPD
Diesel	1000	1077	108	1035	104	4.0	80-120	20

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CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

Spike/Spike Duplicate
— EPA 8260 —

Date Performed: 08/02/01
Lab Sample I.D.: 10801A

Unit: ug/kg

ANALYTE	SPK CONC	MS (ug/kg)	MS %	MSD (ug/kg)	MSD %	RPD	ACP %MS	ACP RPD
Benzene	40	36.52	91	39.74	99	8.4	80-120	20
Toluene	40	35.14	88	39.13	98	10.7	80-120	20
Ethylbenzene	40	35.64	89	39.31	98	9.8	80-120	20
Xylenes	40	36.45	91	38.61	97	5.8	80-120	20

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CHEMICAL & ENVIRONMENTAL LABORATORIES, INC.

QC REPORT

Spike/Spike Duplicate
— Metals —

Date Performed: 08/03/01
Lab Sample I.D.: 10801A

Unit: mg/kg

ANALYTE	SPK CONC	MS (mg/kg)	MS %	MSD (mg/kg)	MSD %	RPD	ACP %MS	ACP RPD
Arsenic	10	8.95	89.5	8.96	89.6	0.1	80-130	20
Selenium	10	8.13	81.3	8.40	84.0	3.3	80-130	20
Cadmium	10	8.94	89.4	8.99	89.9	0.6	80-130	20
Lead	10	9.38	93.8	9.34	93.4	0.4	80-130	20
Barium	10	8.77	87.7	8.62	86.2	1.7	80-130	20

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10801A

CONSERVTECH
3555 SOUTH SOTO STREET
VERNON, CALIFORNIA 90058
323-583-8897

Date: 1-AUG-2001
Contractor:
Driller:

FIELD SAMPLING DATA and CHAIN-OF-CUSTODY

Client: ART HOLST
Address: 12200 LOS NIETOS ROAD
City: SANTA FE SPRINGS State: CA Zip Code: 90670
Project Location: SAME
Sampler: N. EVANS Project No.:

SAMPLE LOCATIONS	SAMPLE NO.	TIME	SAMPLE TYPE: WATER COMP	WATER GRAB	SOIL COMP	SOIL GRAB	LIQUID COMP	LIQUID GRAB	AIR/GAS COMP	AIR/GAS GRAB	UNDISTURBED	VOLUME	CONTAINER: STAIN-LESS	BRASS	GLASS	PLASTIC	OTHER	PRESERVATIVE YES	PRESERVATIVE NO	CHILLED YES	CHILLED NO	SAMPLE TAPED YES	SAMPLE TAPED NO	SAMPLE METHOD	ANALYSES
1	SP1A	0935				X					X	5GM				X			X	X			X	EN CORE	METHOD 8260B, METALS, 8015M/SCAN
	SP1B	"				X					X	"				X			X	X			X	"	
	SP1C	"				X					X	"				X			X	X			X	"	
	SP1D	"				X					X	2"x3"	X						X	X		X		SLIDE HAMMER	
2	SP4A	1005				X					X	5GM				X			X	X			X	EN CORE	METHOD 8260B, METALS, 8015M/SCAN
	SP4B	"				X					X	"				X			X	X			X	"	
	SP4C	"				X					X	"				X			X	X			X	"	
	SP4D	"				X					X	2"x3"	X						X	X		X		SLIDE HAMMER	

SAMPLES: Tamper - Proof Integrity Seals: ☐ YES ☒ NO

RUSH: ☐ 24 HR. ☐ 48 HR. ☐ 72 HR.
Date Required: STANDARD TURNAROUND
PQL's Required: ☒ YES ☐ NO
Lab QA/QC Required: ☒ YES ☐ NO

SEND LAB RESULTS TO:
CONSERVTECH FAX (323) 587-8132
Notes / Lab Results to: H. EVANS
CONSERVTECH

LABORATORY
Name: C & E LABORATORIES
Address: 14148 E. FIRESTONE BLVD
City: SANTA FE SPRINGS, CA 90670
Phone No.: 562/921-8123

INVOICE TO:
Name: ART HOLST
Address: (ABOVE)
City:
Phone No.: 562/946-0642

CUSTODY RECORD (Signature, Date, Time)
Relinquished: [signature] 8/1/01 1415
Samples Received: ☒ CHILLED YES ☐ NO ☐ INTEGRITY SEALS INTACT YES ☐ NO ☒ N/A
Received By: [signature] 8/1/01 1415
Relinquished:
Samples Received: ☐ CHILLED YES ☐ NO ☐ INTEGRITY SEALS INTACT YES ☐ NO ☐ N/A
Received By:
Relinquished:
Samples Received: ☐ CHILLED YES ☐ NO ☐ INTEGRITY SEALS INTACT YES ☐ NO ☐ N/A
Received By:

10801A

CONSERVTECH
3555 SOUTH SOTO STREET
VERNON, CALIFORNIA 90058
323-583-6897

Date: 1-AUG-2001
Contractor:
Driller:

FIELD SAMPLING DATA and CHAIN-OF-CUSTODY

Client: ART HOLST
Address: 12200 LOS NIETOS ROAD
City: SANTA FE SPRINGS State: CA Zip Code: 90670
Project Location: SAME
Sampler: H. EVANS Project No.:

SAMPLE LOCATIONS	SAMPLE NO.	TIME	SAMPLE TYPE: WATER COMP	WATER GRAB	SOIL COMP	SOIL GRAB	LIQUID COMP	LIQUID GRAB	AIR/GAS COMP	AIR/GAS GRAB	UNDISTURBED	VOLUME	CONTAINER: STAINLESS	BRASS	GLASS	PLASTIC	OTHER	PRESERVATIVE YES	PRESERVATIVE NO	CHILLED YES	CHILLED NO	SAMPLE TAPED YES	SAMPLE TAPED NO	SAMPLE METHOD	ANALYSES
3	SP5A	1105				X					X	5GM				X			X	X			X	ENCORE	
	SP5B	"				X					X	"				X			X	X			X	"	METHOD 8260B, METALS, 8015M/SCAN
	SP5C	"				X					X	"				X			X	X			X	"	
	SP5D	"				X					X	2"x5"	X						X	X		X		SLIDE HAMMER	
	SP3A	1155				X					X	5GM				X			X	X			X	ENCORE	
4	SP3B	"				X					X	"				X			X	X			X	"	METHOD 8260B METALS, 8015M/SCAN
	SP3C	"				X					X	"				X			X	X			X	"	
	SP3D	"				X					X	2"x3"	X						X	X		X		SLIDE HAMMER	

SAMPLES: Tamper - Proof Integrity Seals: ☐ YES ☒ NO
RUSH: ☐ 24 HR. ☐ 48 HR. ☐ 72 HR.
Date Required: STANDARD TURNAROUND
POL's Required: ☒ YES ☐ NO
Lab QA/QC Required: ☒ YES ☐ NO
SEND LAB RESULTS TO:
CONSERVTECH FAX (323) 587-8132
Notes / Lab Results to: H. EVANS
CONSERVTECH

LABORATORY
Name: C & E LABORATORIES
Address: 14148 E. FIRESTONE BLVD
City: SANTA FE SPRINGS, CA 90670
Phone No.: 562/921-8123

INVOICE TO:
Name: ART HOLST
Address: (ABOVE)
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CUSTODY RECORD (Signature, Date, Time)
Relinquished: [signature] 8/1/01 1415
Samples Received: ☒ CHILLED YES ☐ NO ☐ INTEGRITY SEALS INTACT ☐ YES ☐ NO ☒ N/A
Received By: [signature] 8/1/01 1415
Relinquished:
Samples Received: ☐ CHILLED YES ☐ NO ☐ INTEGRITY SEALS INTACT ☐ YES ☐ NO ☐ N/A
Received By:
Relinquished:
Samples Received: ☐ CHILLED YES ☐ NO ☐ INTEGRITY SEALS INTACT ☐ YES ☐ NO ☐ N/A
Received By: